

What is claimed is:

- 1 1. A method comprising:
2 storing method metadata including a cookie indicator
3 in a code portion.
- 1 2. The method of claim 1, wherein the method
2 metadata further comprises a method handle.
- 1 3. The method of claim 1, wherein the method
2 metadata comprises a magic cookie having a bit pattern non-
3 compliant with an instruction set architecture.
- 1 4. The method of claim 1, wherein storing the method
2 metadata comprises storing the method metadata at an N-
3 aligned address of the code portion.
- 1 5. The method of claim 1, further comprising storing
2 the method metadata at an end of the code portion.
- 1 6. The method of claim 1, wherein the code portion
2 comprises compiled code for a method corresponding to the
3 method metadata.
- 1 7. The method of claim 1, further comprising
2 querying the code portion for the method metadata.

1 8. The method of claim 7, wherein querying the code
2 portion comprises searching at N-aligned addresses of the
3 code portion.

1 9. The method of claim 1, wherein storing the method
2 metadata comprises storing the method metadata at an
3 opposite side of a boundary location at an N-aligned
4 address of the code portion at which a basic block is
5 stored.

1 10. The method of claim 1, further comprising storing
2 the method metadata between a first basic block and a
3 second basic block of the code portion.

1 11. The method of claim 1, further comprising using a
2 compiler to store the method metadata in the code portion.

1 12. The method of claim 11, further comprising
2 storing the method metadata in a basic block used for
3 exception handling.

1 13. A method comprising:
2 receiving a request to query a code portion for a
3 method bundle including method metadata;
4 searching the code portion for the method bundle; and
5 returning the method bundle to the requestor.

1 14. The method of claim 13, wherein the method
2 metadata comprises a cookie indicator and a method handle.

1 15. The method of claim 13, wherein searching the
2 code portion comprises searching at N-aligned addresses of
3 the code portion.

1 16. The method of claim 13, wherein searching the
2 code portion comprises searching in an instruction cache.

1 17. The method of claim 13, wherein searching the
2 code portion comprises bidirectionally searching the code
3 portion for the method bundle.

1 18. An article comprising a machine-accessible
2 storage medium containing instructions that if executed
3 enable a system to:
4 store method metadata including a cookie indicator in
5 a code portion.

1 19. The article of claim 18, further comprising
2 instructions that if executed enable the system to store
3 the method metadata with a magic cookie having a bit
4 pattern non-compliant with an instruction set architecture.

1 20. The article of claim 18, further comprising
2 instructions that if executed enable the system to store
3 the method metadata at an N-aligned address of the code
4 portion.

1 21. The article of claim 18, further comprising
2 instructions that if executed enable the system to query
3 the code portion for the method metadata.

1 22. The article of claim 21, further comprising
2 instructions that if executed enable the system to query
3 the code portion at N-aligned addresses.

1 23. The article of claim 18, further comprising
2 further comprising instructions that if executed enable the
3 system to store the method metadata between a first basic
4 block and a second basic block of the code portion.

1 24. A system comprising:

2 a memory including instructions that if executed
3 enable the system to search a code portion for method
4 metadata including a cookie indicator;

5 a processor coupled to the memory to execute the
6 instructions; and

7 a wireless interface coupled to the processor.

1 25. The system of claim 24, wherein the method
2 metadata comprises a magic cookie having a bit pattern non-
3 compliant with an instruction set architecture of the
4 system.

1 26. The system of claim 24, wherein the memory
2 further comprises instructions that if executed enable the
3 system to search for the method metadata at N-aligned
4 addresses of the code portion.

1 27. The system of claim 24, wherein the memory
2 further comprises instructions that if executed enable the
3 system to store the method metadata between a first basic
4 block and a second basic block of the code portion.

1 28. The system of claim 24, wherein the memory
2 further comprises instructions that if executed enable the
3 system to search for the method metadata using one of a
4 forward search, a backward search, or a bidirectional
5 search.